

# DESIGN CHANGE NOTICE

PAGE 1 OF 1

**Knight/Jacobs Joint Venture**  
**701 Scarboro Road; MS 6476**  
**Oak Ridge, TN 37830**  
**865-241-9433; fax 865-241-3400**



DCN NUMBER:

**T5-025**

RFI NUMBER

CONTRACT NO: 02F-1815-01 00F-1837-2 00F-1660-2 KAT PROJ#: C7031.30	PACKAGE TITLE AND DATE Dump Buildings CFC Dated August 3, 2001  Target Utilities CFC Dated January 18, 2002	DWG (SNS DOC#): See Drawing G0.00.28 Rev 2 dated 5/3/02 13 Drawings Total	SHEET NO: See Drawing G0.00.28 Rev 2 dated 5/3/02	REV NO  <b>R0</b>
		SPEC NO: None	SECTION:	

REASON FOR CHANGE: Requested revisions by client. Decay tank revisions.

OTHER DOCUMENTS AFFECTED BY THIS CHANGE: None

DESCRIPTION OF CHANGE: (Provide written description and/or sketch as req'd)

## **SKETCHES**

New Sketches Issued:

- S-SK-009-5A Foundation Section
- S-SK-010-5A Foundation Section
- S-SK-011-5A Building Section
- S-SK-004-5A Column Base Plate Schedule

## **DRAWING REVISIONS**

- Modified Drain Location on HOG Decay Tank and Decay Tank Dimensions
- Dimensional updates to background files and existing piping
- Identified Piping to be installed by Interface Piping Contractor

The following Contractors are impacted by this change:

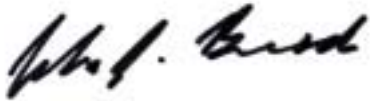
- Concrete Wall and Substructures Contractor (A)
- Conventional Facilities Piping Contractor (B)
- Interface Piping Contractor (C) – NOT YET UNDER CONTRACT
- Target Utilities Piping Contractor (D) – NOT YET UNDER CONTRACT

Dump Building Drawings revised per this DCN and Contractors Impacted:

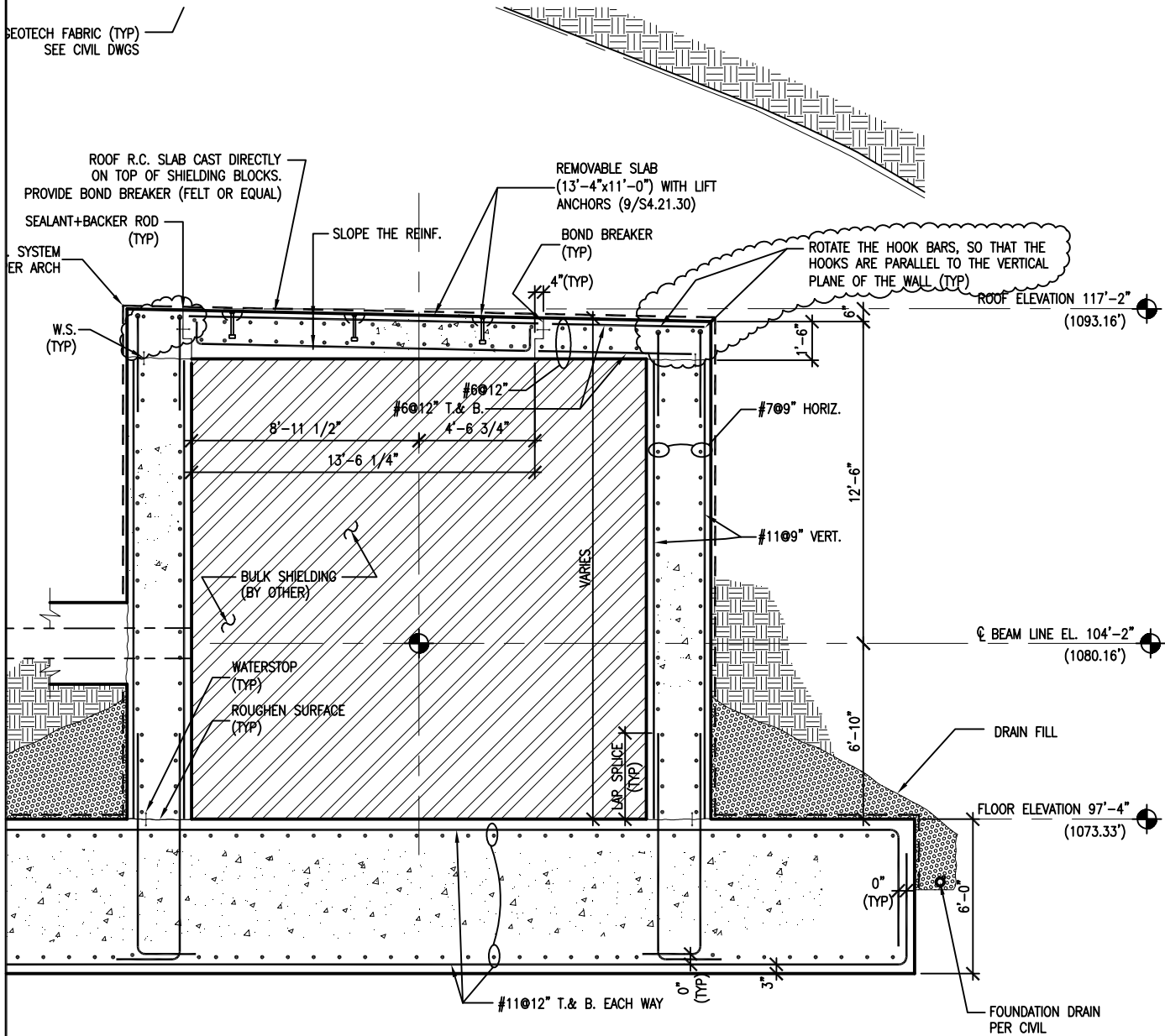
- H2.03.52 – Decay Tank Dimensions and Drain Routing Details – B
- H2.04.52 – Penetration Details for Decay Tank Drain and Cooling Water Lines – B, C, A
- H5.10.38 - Decay Tank Baffle Details, BDCE Exit Line Routing and Tubing Embed Details – A, B
- H5.10.39 – Dimensional updates to existing piping & Decay Tank Drain Line Elevation updates -C
- H5.10.40 – Drain Tank Installation Details, Dimensional Updates, Utility Water Clarifications - B
- H5.10.41 – Detail of Interface Piping Contractor work scope, Added notes for clarification - C
- P2.03.52 – Updated Helium penetration information – C
- P5.20.36 – Dimensional updates to existing penetrations and lines - D

Target Utilities Drawings Revised per this DCN:

- J8E8700A500 – Misc updates with new decay tank dimensions and beam exhaust line – B
- J8E8700A501 – Misc updates with new decay tank dimensions and beam exhaust line - D
- J8E8700H500 – Misc updates with new background and penetration information - D
- J8E8700H501 – Misc updates with new background and penetration information - D

PREPARED BY: VARIOUS	CHECKED BY: VARIOUS	RESPONSIBLE DESIGNER: VARIOUS
SUBMITTED BY: DESIGN CENTER MANAGER / DATE:    5/3/02		APPROVED BY: SNS TASK MANAGER / DATE:

T:\718\_STRU\Sketches\S-SK-009-5A.dwg @ 5/03/02 - 2:31pm



2 LINAC DUMP BUILDING SECTION  
S2.B1.53 SCALE: 1/4"=1'-0" SSC030-5A

NOTE: SEE CIVIL DRAWINGS FOR ADDITIONAL  
INFORMATION INCLUDING "GEOTECH FABRIC" ETC.

## SPALLATION NEUTRON SOURCE

## TARGET BUILDING AND DUMPS

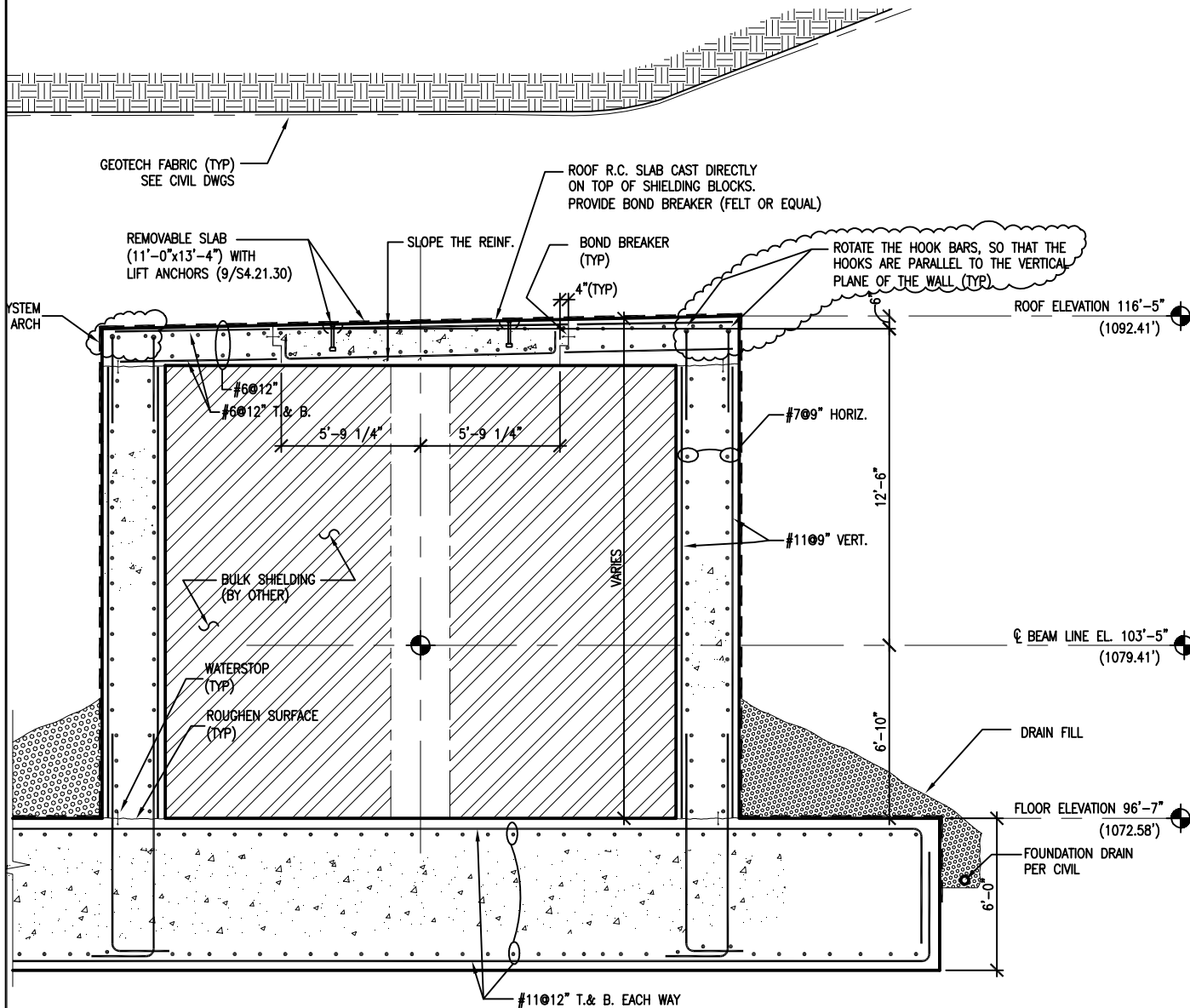


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**KNIGHT**  
Knight Advanced Technology  
549 West Randolph Street  
Chicago, IL 60661

SKETCH TITLE			SKETCH NO.	
FDN SECTIONS			S-SK-009-5A	
DATE ISSUED	DRAWN BY	CHECKED BY	DRAWING NO.	DRAWING REV.
05-03-02	GJM	GPR	S2.B1.53	2
PROJECT NO.	FILE NAME	SCALE	DCN OR RFI NO.	
C7031.30	S-SK-009-5A	NO SCALE	T5-025	

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**3 RING EXTRACTION DUMP SECTION**  
S2.B1.53 SCALE: 1/4"=1'-0" SSC030-5A

NOTE: SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION INCLUDING "GEOTECH FABRIC" ETC.

## SPALLATION NEUTRON SOURCE

## TARGET BUILDING AND DUMPS

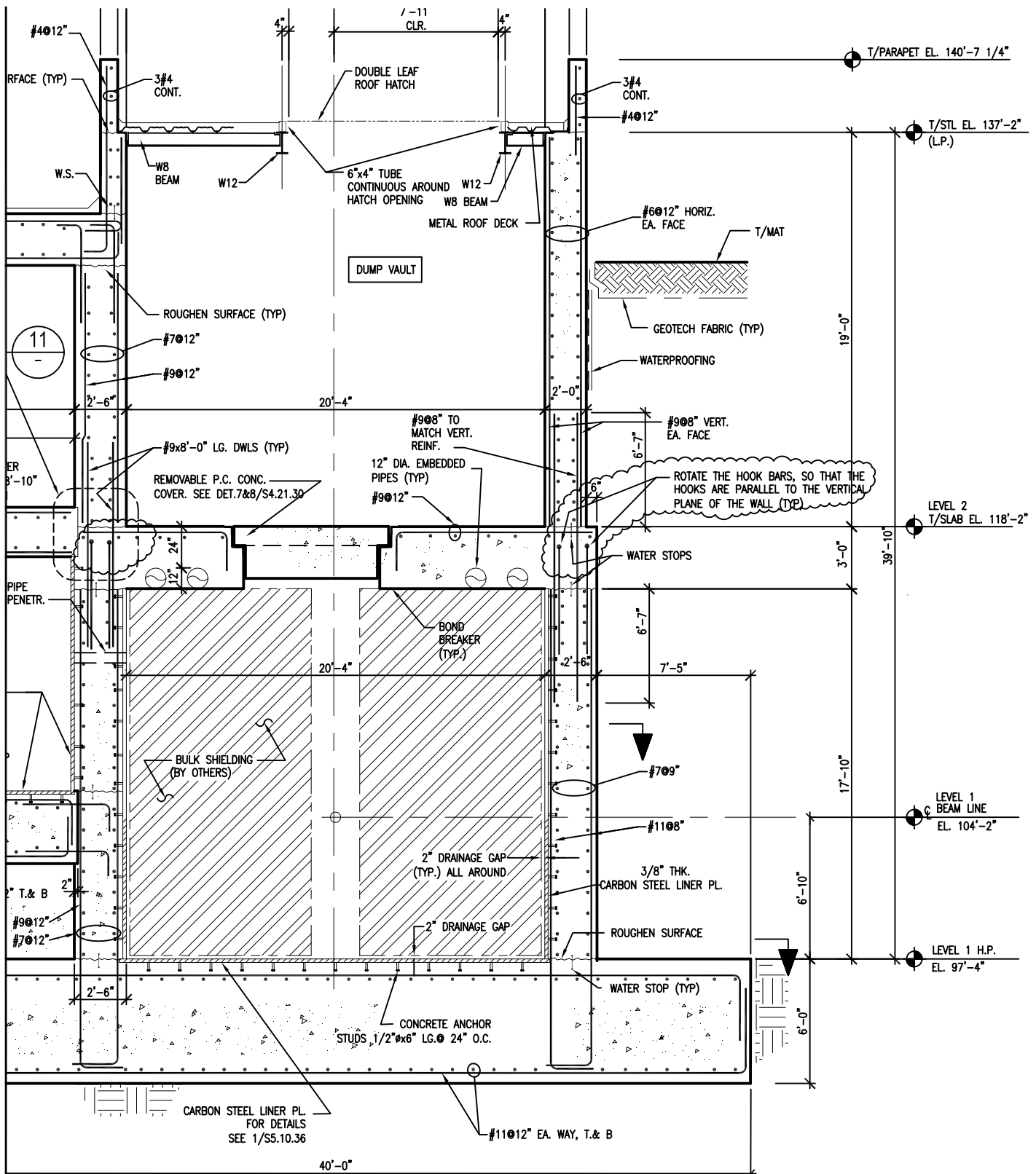


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05-03-02	GJM	GPR	S2.B1.53	2
PROJECT NO.	FILE NAME	SCALE	DCN OR RFI NO.	
C7031.30	S-SK-010-5A	NO SCALE	T5-025	

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**1 SECTION**  
S2.01.52 SCALE: 1/4"=1'-0"

SSC030-5A

S2.B1.52  
S2.09.52  
S4.21.31

**SPALLATION NEUTRON SOURCE**

**TARGET BUILDING AND DUMPS**



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SKETCH TITLE

**BLDG SECTION**

SKETCH NO.

**S-SK-011-5A**

DATE ISSUED  
**05-03-02**

DRAWN BY  
**GJM**

CHECKED BY  
**GPR**

DRAWING NO.  
**S4.21.31**

DRAWING REV.  
**2**

PROJECT NO.  
**C7031.30**

FILE NAME  
**S-SK-011-5A**

SCALE  
**NO SCALE**

DCN OR RFI NO.  
**T5-025**